

AMENDMENTS TO THE CLAIMS

1. (Original) A wave energy device in the form of a heave-resistant vessel comprising a plurality of flow paths into which water can be urged by wave action, and energy extractor means for extracting energy from air movements in said flow paths caused by wave action, said plurality of flow paths comprised of a group of chambers at least some of which have different lengths and thereby different draughts to optimise the performance of the wave energy device for different wave periodicity.

2. (Original) A wave energy device as claimed in Claim 1, further comprising a tethering arrangement for providing, at least in part, said heave-resistance.

3. (Currently amended) A wave energy device as claimed in Claim 1 ~~or 2~~, wherein said heave resistance is provided, at least in part, by constraining the footprint area of the device.

4. (Original) A wave energy device as claimed in Claim 3 wherein the footprint area, or cross-sectional area, of the said chambers is constrained.

5. (Currently amended) A wave energy device as claimed in ~~any preceding claim~~ Claim 1 wherein the said chambers are structurally joined or linked.

6. (Currently amended) A wave energy device as claimed in ~~any of the preceding claims~~ Claim 1, wherein the device is of positive buoyancy.

7. (Currently amended) A wave energy device as claimed in ~~any of the preceding~~
~~claims~~ Claim 1 wherein the wave entrance of one or more flow paths is flared.

8. (Currently amended) A wave energy device as claimed in ~~any of the preceding~~
~~claims~~ Claim 1, wherein the said energy extractor means is turbine based.

9. (Currently amended) A wave energy device as claimed in ~~any of the preceding~~
~~claims~~ Claim 1 wherein said energy extractor means comprises bi-directional energy extractor
means.

10. (Currently amended) A wave energy device as claimed in ~~any preceding claim~~
Claim 1 wherein two or more flow paths combine before communication with said energy
extractor means.

11. (Currently amended) A wave energy device as claimed in ~~any preceding claim~~
Claim 1 wherein said flow paths are in communication with the atmosphere at some point
beyond the said energy extractor means.

12. (Currently amended) A wave energy device as claimed in ~~any preceding claim~~
Claim 1 wherein the said chambers have substantially the same cross-section.

13. (Currently amended) A wave energy device as claimed in ~~any preceding claim~~
Claim 1 wherein the lower ends of the said chambers extend, by different amounts, from a buoyancy device.

14. (Original) A wave energy device as claimed in Claim 13 wherein the said buoyancy device shrouds said chambers.

15. (Currently amended) A wave energy device as claimed in ~~any preceding claim~~
Claim 1 wherein said chambers each have different lengths.